

## **EXHIBIT 16**

## LETTER OF ASSURANCE FOR ESSENTIAL PATENTS

Please return or FAX to: Secretary, IEEE-SA Standards Board Patent Committee  
Institute of Electrical and Electronics Engineers, Inc.  
445 Hoes Lane  
Piscataway, NJ 08855 USA  
FAX (+1 732-875-4524)

No license is implied by submission of this Letter of Assurance

**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Motorola, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Motorola Corp Law Department  
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196  
Telephone: 847-2538-3486 Fax: 847-576-8761 E-mail: Jonathan.Ratsky@motorola.com

**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11 Task Group E  
Title: MAC Enhancements for Quality of Service

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

If the Patent Holder owns or controls granted patent(s) and/or pending applications that it believes may be infringed by compliance with the Proposed IEEE Standard, please specify the patent number, published application, and/or relevant claims. (A patent search is not required.)

Patent Number(s) (if known): \_\_\_\_\_

Relevant Claims (optional): \_\_\_\_\_

The Patent Holder states that its position with respect to licensing such patent(s) is as follows (check one box only):

- ☐ 1. The Patent Holder is prepared to grant a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. I am not aware of any patent(s) and/or patent claim(s) that my company may hold that would be relevant to the subject matter of the [Proposed] Standard.

**E. SIGNATURE:**

Print name of authorized person: Jonathan Ratsky

Title of authorized person: Vice President & Director of Patent Operations

Signature of authorized person: \_\_\_\_\_

Date: 9/15/03

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

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Approved by IEEE-SA Standards Board Patent Committee - 11 June 2002

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**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Motorola, Inc

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Latonia Gordon Intellectual Property and Licensing Dept.  
 Address: 1303 E. Algonquin Road, Schaumburg, IL 60196  
 Telephone: 847-576-3055 Fax: 847-538-3666 E-mail: Latonia.Gordon@Motorola.com  
 URL: \_\_\_\_\_

*Note: The IEEE takes no position with respect to the reasonableness of rates, terms, and conditions of the license agreements offered by patent holders or patent applicants. To that end, the IEEE will not review and does not endorse the contents nor confirm the continuing accuracy or consistency of any web sites listed above.*

**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.11r  
 Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Fast Basic Service Set (BSS) Transition

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

In accordance with Clause 6 of the IEEE-SA Standards Board Bylaws, the Patent Holder hereby declares that its licensing position with respect to any patent(s) and/or patent application(s) that it may hold or control, the use of which would be essential to create a compliant implementation of the [Proposed] IEEE Standard identified above, is as follows (*check one box only*):

- ☐ 1. The Patent Holder is prepared to grant a license without compensation to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder is prepared to grant a license under reasonable rates to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
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*[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]*

If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

Patent/Application Number: \_\_\_\_\_

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Approved by IEEE-SA Standards Board Patent Committee - 24 January 2005

MOTM\_WASH1823\_0000002

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

*Use additional pages, as necessary.*

**E. SIGNATURE:**

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Sr. V.P.

Signature of authorized person:  Date: 4/21/05

*Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.*

**March 1994****doc: IEEE P802.11-94/36**

**IEEE 802.11  
Intellectual Property Statement**

**Title:** Motorola Inc. Intellectual Property Statement on the  
Motorola Proposals

**Date:** March 1, 1994

**Author:** Val Jean F. Hillman  
Motorola, Inc  
Intellectual Property Department  
Corporate Offices  
1303 East Algonquin Road  
Schaumburg, IL 60196-1065  
Tel: 1-708 576-6364  
Fax: 1-708 576-3750

MOTOROLA INC. owns patents and has filed patent applications in the area of ~~wireless data~~ communications. In the event the proposed standard is adopted and the standard cannot be practiced without the use of one or more issued patents which are now or ~~hereafter owned~~, controlled or assigned to Motorola, Motorola agrees to license those patents on a non-discriminatory basis offering fair and commercially reasonable terms.

MOTOROLA otherwise reserves all rights under its patents and does not by this statement agree to license any patents where the standard may be followed without necessarily infringing such patents.



April 23, 1996

Mr. Victor Hayes  
Chair IEEE P802.11  
AT&T WCND Utrecht  
Zadelstede 1-10  
3431 JZ Nieuwegein  
The Netherlands

Dear Mr. Hayes:

This letter is written in response to your letter of September 27, 1995, which requested that Symbol Technologies, Inc. ("Symbol") confirm to the IEEE that it will provide worldwide licenses under certain of its patents related to the proposed IEEE 802.11 standard. In this regard:

In the event the proposed IEEE 802.11 standard is adopted, and the standard cannot be practiced without the use of one or more patents which are now or hereafter owned by Symbol, Symbol would upon request be willing to negotiate a non-exclusive, worldwide license, under the relevant claims of such patent or patents, on a nondiscriminatory basis and on reasonable terms and conditions including its then current royalty rates.

This letter does not grant to the IEEE or any other party any right with respect to Symbol's copyrights or other intellectual property rights (whether now or hereafter in existence) that relate to the proposed standard.

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard Bravman", written over a horizontal line.

Richard Bravman  
Senior Vice President

**LETTER OF ASSURANCE FOR ESSENTIAL PATENTS**

Please return via mail,  
e-mail (.pdf), or FAX to:

Secretary, IEEE-SA Standards Board Patent Committee  
Institute of Electrical and Electronics Engineers, Inc.  
445 Hoes Lane  
Piscataway, NJ 08854 USA  
FAX (+1 732-875-0524) e-mail: [patcom@ieee.org](mailto:patcom@ieee.org)

*No license is implied by submission of this Letter of Assurance*

**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Symbol Technologies, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11a  
Title: High Speed Physical Layer in the 5GHz band

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

In accordance with Clause 6 of the *IEEE-SA Standards Board Bylaws*, the Patent Holder hereby declares that its licensing position with respect to any patent(s) and/or patent application(s) that it may hold or control, the use of which would be essential to create a compliant implementation of either mandatory or optional portions of the [Proposed] IEEE Standard identified above, is as follows (check one box only):

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

*Use additional pages, as necessary.*

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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*The IEEE Patent Policy and the procedures used to execute that policy are documented in the IEEE-SA Standards Board Bylaws and the IEEE-SA Standards Board Operations Manual, available at <http://standards.ieee.org/resources/index.html#guides>. These documents must be read and understood before completing and submitting this form.*



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**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Symbol Technologies, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11b

Title: Higher Speed Physical Layer (PHY) extension in the 2.4 GHz band

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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If the Patent Holder owns or controls patent(s) and/or application(s) that it believes may be essential to create a compliant implementation of the [Proposed] IEEE Standard, please specify the following:

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

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Approved by IEEE-SA Standards Board Patent Committee - 27 March 2006

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_


Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11e  
Title: Medium Access Control (MAC) Quality of Service Enhancements

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

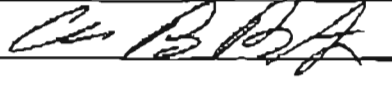
Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

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**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11g  
Title: Further Higher Rate (20+ Mbps) Extensions in the 2.4GHz Band

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Title: \_\_\_\_\_

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Title: \_\_\_\_\_

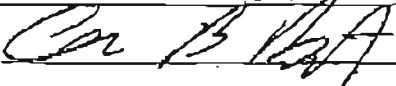
Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**G. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 APR 08

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URL: www.symbol.com

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11i  
Title: Medium Access Control (MAC) Security Enhancement

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_



Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_


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Title: \_\_\_\_\_

*Use additional pages, as necessary.*

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 4 Apr 06

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Legal Name of Organization: Motorola, Inc.

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Name & Department: Latoria Gordon Intellectual Property and Licensing Dept.  
 Address: 1303 E. Algonquin Road, Schaumburg, IL 60196  
 Telephone: 847-576-3055 Fax: 847-538-3666 E-mail: Latoria.Gordon@motorola.com  
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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.11k  
 Title: Amendment to IEEE 802.11, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Radio Resource Measurement of Wireless LANs

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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- ☒ 2. The Patent Holder is prepared to grant a license under reasonable rates to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. The Patent Holder states that, without conditions, it will not enforce any of its present or future patent(s) against any person or entity creating a compliant implementation of the [Proposed] IEEE Standard.
- ☐ 5. I am not aware of any patent(s) and/or patent application(s) that my company may hold or control that would be essential to create a compliant implementation of the [Proposed] IEEE Standard.

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Patent Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_


Patent Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Sr. V.P.

Signature of authorized person:  Date: 4/21/05

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FAX (+1 732-875-0524) e-mail: [patcom@ieee.org](mailto:patcom@ieee.org)

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**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Symbol Technologies, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

*Note: The IEEE takes no position with respect to the reasonableness of rates, terms, and conditions of the license agreements offered by patent holders or patent applicants. To that end, the IEEE will not review and does not endorse the contents nor confirm the continuing accuracy or consistency of any web sites listed above.*

**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11k  
Title: Radio Resource Measurement Enhancements

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_


Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

*Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA Standards Board Patent Committee*

The IEEE Patent Policy and the procedures used to execute that policy are documented in the IEEE-SA Standards Board Bylaws and the IEEE-SA Standards Board Operations Manual, available at <http://standards.ieee.org/resources/index.html#guides>. These documents must be read and understood before completing and submitting this form

## LETTER OF ASSURANCE FOR ESSENTIAL PATENTS

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 435 Hoes Lane  
 Piscataway, NJ 08855 USA  
 FAX (+1 732-875-0524)

No license is implied by submission of this Letter of Assurance

A. PATENT HOLDER/ORGANIZATION:

Legal Name of Organization: MOTRONICA, INC.

B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:

Name & Department: LARIYA GERMAN, INTELLECTUAL PROPERTY LICENSING  
 Address: 1303 E. ALABAMA RD. SCOTTSDALE AZ 85261  
 Telephone: 847-576-3055 FAX: 847-576-3055 E-mail: LARIYA.GERMAN@MOTRONICA.COM  
847-576-3055

C. IEEE STANDARD or PROPOSED IEEE STANDARD:

Number: IEEE 802.11n  
 Title: 802.11 PHY; MAC ENHANCEMENT FOR HIGH THROUGHPUT

D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:

If the Patent Holder owns or controls granted patent(s) and/or pending application(s) that it believes may be infringed by compliance with the Proposed IEEE Standard, please specify the patent number, published application, and/or relevant claims. (A patent search is not required.)

Patent Number(s) (if known): \_\_\_\_\_

Relevant Claims (optional): \_\_\_\_\_

The Patent Holder states that its position with respect to licensing such patent(s) is as follows (check one box only):

- ☐ 1. The Patent Holder is prepared to grant a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☐ 3. The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above.
- ☐ 4. I am not aware of any patent(s) and/or patent claim(s) that my company may hold that would be relevant to the subject matter of the [Proposed] Standard.

E. SIGNATURE:

Print name of authorized person: JUDY MOSINGER

Title of authorized person: CHIEF IP LAWYER

Signature of authorized person: \_\_\_\_\_ Date: JUN 12, 2005

Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

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Approved by IEEE-SA Standards Board Patent Committee - 21 June 2002

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Legal Name of Organization: Symbol Technologies, Inc.

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Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11n  
Title: Standard for Enhancements for Higher Throughput

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

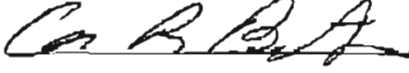
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Title: \_\_\_\_\_

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**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 APR 06

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Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: aaron.bernstein@symbol.com  
URL: www.symbol.com

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11r  
Title: Fast Roaming/Fast BSS Transition

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Title: \_\_\_\_\_



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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

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**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Motorola, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Latoria Gordon Intellectual Property and Licensing Dept.  
Address: 1303 E. Algonquin Road, Schaumburg, IL 60196  
Telephone: 847-576-3055 Fax: 847-538-3666 Email: Latoria.Gordon@motorola.com  
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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.11s  
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Extended Service Set (ESS) Mesh Networking

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

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Title: \_\_\_\_\_

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**SIGNATURE:**

Print name of authorized person: \_\_\_\_\_ Jonathan P. Meyer \_\_\_\_\_

Title of authorized person: \_\_\_\_\_ Sr. V.P. \_\_\_\_\_

Signature of authorized person: \_\_\_\_\_ J. P. Meyer \_\_\_\_\_ Date: 4/21/05 \_\_\_\_\_

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11s  
Title: ESS Mesh Networking

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Title: \_\_\_\_\_

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Title: \_\_\_\_\_


Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 April 2006

*Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA Standards Board Patent Committee.*

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Address: 1303 E. Algonquin Road, Schaumburg, IL 60196  
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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.11u  
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Wireless Interworking with External Networks

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

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Title: \_\_\_\_\_

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Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

*Use additional pages, as necessary.*

**E. SIGNATURE:**

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Senior Vice President

Signature of authorized person:  Date: August 16, 2006

*Note: This assurance applies from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable upon acceptance by the IEEE-SA Standards Board Patent Committee.*

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: IEEE 802.11v  
Title: Amendment to IEEE 802.11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Wireless Network Management

**D. PATENT HOLDER'S POSITION REGARDING LICENSING ESSENTIAL PATENT RIGHTS:**

In accordance with Clause 6 of the *IEEE-SA Standards Board Bylaws*, the Patent Holder hereby declares that its licensing position with respect to any patent(s) and/or patent application(s) that it may hold or control, the use of which would be essential to create a compliant implementation of either mandatory or optional portions of the [Proposed] IEEE Standard identified above, is as follows (*check one box only*):

- ☐ 1. The Patent Holder will grant a license without compensation to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
- ☒ 2. The Patent Holder will grant a license under reasonable rates to an unrestricted number of applicants on a worldwide, non-discriminatory basis with reasonable terms and conditions to comply with the [Proposed] IEEE Standard.
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- ☐ 5. I am not aware of any patent(s) and/or patent application(s) that my company may hold or control that would be essential to create a compliant implementation of the [Proposed] IEEE Standard.

*[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]*

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Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_



Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Jonathan P. Meyer

Title of authorized person: Senior Vice President

Signature of authorized person: [Signature] Date: August 11, 2006

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Institute of Electrical and Electronics Engineers, Inc.  
445 Hoes Lane  
Piscataway, NJ 08854 USA  
FAX (+1 732-675-0524) e-mail: [patcom@ieee.org](mailto:patcom@ieee.org)

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**A. PATENT HOLDER/ORGANIZATION:**

Legal Name of Organization: Symbol Technologies, Inc.

**B. PATENT HOLDER'S CONTACT FOR LICENSE APPLICATION:**

Name & Department: Aaron Bernstein, Legal Department  
Address: One Symbol Plaza, MS: A-6, Holtsville, NY 11742-1300  
Telephone: 631.738.4055 Fax: 631.738.4110 E-mail: [aaron.bernstein@symbol.com](mailto:aaron.bernstein@symbol.com)  
URL: [www.symbol.com](http://www.symbol.com)

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**C. IEEE STANDARD or PROPOSED IEEE STANDARD:**

Number: 802.11v  
Title: Wireless Network Management

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- ☐ 5. I am not aware of any patent(s) and/or patent application(s) that my company may hold or control that would be essential to create a compliant implementation of the [Proposed] IEEE Standard.

*[Note: Completion of the following section is optional. Nothing in this Letter of Assurance shall be interpreted as giving rise to a duty to conduct a patent search.]*

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Title: \_\_\_\_\_

Patent/Application Number: \_\_\_\_\_  
Title: \_\_\_\_\_

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Title: \_\_\_\_\_

Use additional pages, as necessary.

**E. SIGNATURE:**

Print name of authorized person: Aaron Bernstein

Title of authorized person: Vice President & Deputy General Counsel

Signature of authorized person:  Date: 11 Apr 06

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